

01/02/02

JC658 U.S. PTO

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

18406.004

First Inventor

Jeffrey W. Parker, et al.

Title

METHOD AND APPARATUS FOR DETECTING ...

Express Mail Label No.

EL666921213US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)

2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.

3. ☒ Specification [Total Pages]
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets]

5. Oath or Declaration [Total Pages]

- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)

- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____ / _____

Prior application information: Examiner _____

Group / Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Labelor ☐ Correspondence address below

Name

21878

PATENT TRADEMARK OFFICE

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Francis M. Pinckney

Registration No. (Attorney/Agent)

21,138

Signature

Date

January 2, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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PTO/SB/17 (XX-XX)
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Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number	To Be Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Jeffrey W. Parker et al.
Examiner Name	
Group Art Unit	
Attorney Docket No.	18406.004

TOTAL AMOUNT OF PAYMENT \$406.00

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number **18-1215**
- Deposit Account Name **Kennedy Covington**
- ☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17
- ☒ Applicant claims small entity status. See 37 CFR § 1.27
2. ☒ Payment Enclosed:
- ☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid
101	201	740	Utility filing fee	370.00
106	206	330	Design filing fee	
107	207	510	Plant filing fee	
108	208	740	Reissue filing fee	
114	214	160	Provisional filing fee	
SUBTOTAL (1)				\$370.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
24	-20** = 4	X 9.00 =	36.00
Independent Claims	2 - 3** = 0	X	0.00
Multiple Dependent			

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid
103	203	18	Claims in excess of 20	
102	202	84	Independent claims in excess of 3	
104	204	280	Multiple dependent claim, if not paid	
109	209	84	** Reissue independent claims over original patent	
110	210	18	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) \$36.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid
105	205	130	Surcharge - late filing fee or oath	
127	227	50	Surcharge - late provisional filing fee or cover sheet	
139	239	130	Non - English specification	
147	247	2,520	For filing a request for <i>ex parte</i> reexamination	
112	212	920*	Requesting publication of SIR prior to Examiner action	
113	213	1,840*	Requesting publication of SIR after Examiner action	
115	215	110	Extension for reply within first month	
116	216	400	Extension for reply within second month	
117	217	920	Extension for reply within third month	
118	218	1,440	Extension for reply within fourth month	
128	228	1,960	Extension for reply within fifth month	
119	219	320	Notice of Appeal	
120	220	320	Filing a brief in support of an appeal	
121	221	280	Request for oral hearing	
138	238	1,510	Petition to institute a public use proceeding	
140	240	110	Petition to revive - unavoidable	
141	241	1,280	Petition to revive - unintentional	
142	242	1,280	Utility issue fee (or reissue)	
143	243	460	Design issue fee	
144	244	620	Plant issue fee	
122	222	130	Petitions to the Commissioner	
123	223	50	Processing fee under 37 CFR § 1.17(q)	
126	226	180	Submission of Information Disclosure Statement	
581	281	40	Recording each patent assignment per property (times number of properties)	
146	246	740	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	249	740	For each additional invention to be examined (37 CFR § 1.129(b))	
179	279	740	Request for Continued Examination (RCE)	
169	269	900	Request for expedited examination of a design application	
Other fee (specify)				

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

SUBMITTED BY

Name (Print/Type)	Francis M. Pinckney	Registration No. (Attorney/Agent)	21,138	Telephone	(704) 331-7400
Signature		Date	January 2, 2002		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Jeffrey W. Parker et al.

Docket No.

18406.004

Serial No.
To Be AssignedFiling Date
Concurrently Herewith

Examiner

Group Art Unit

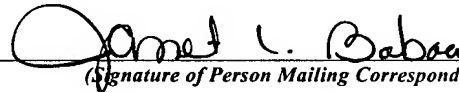
Invention: **METHOD AND APPARATUS FOR DETECTING AND CONTROLLING ORIENTATION OF ARTICLES FOR FURTHER PROCESSING**

I hereby certify that the following correspondence:

Patent Transmittal Sheet, Fee Transmittal Sheet, Patent Application (13 pages), Formal Drawing (1 sheet); Check: \$406.00

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

January 2, 2002*(Date)*Janet L. Babaa*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)*EL666921213US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**